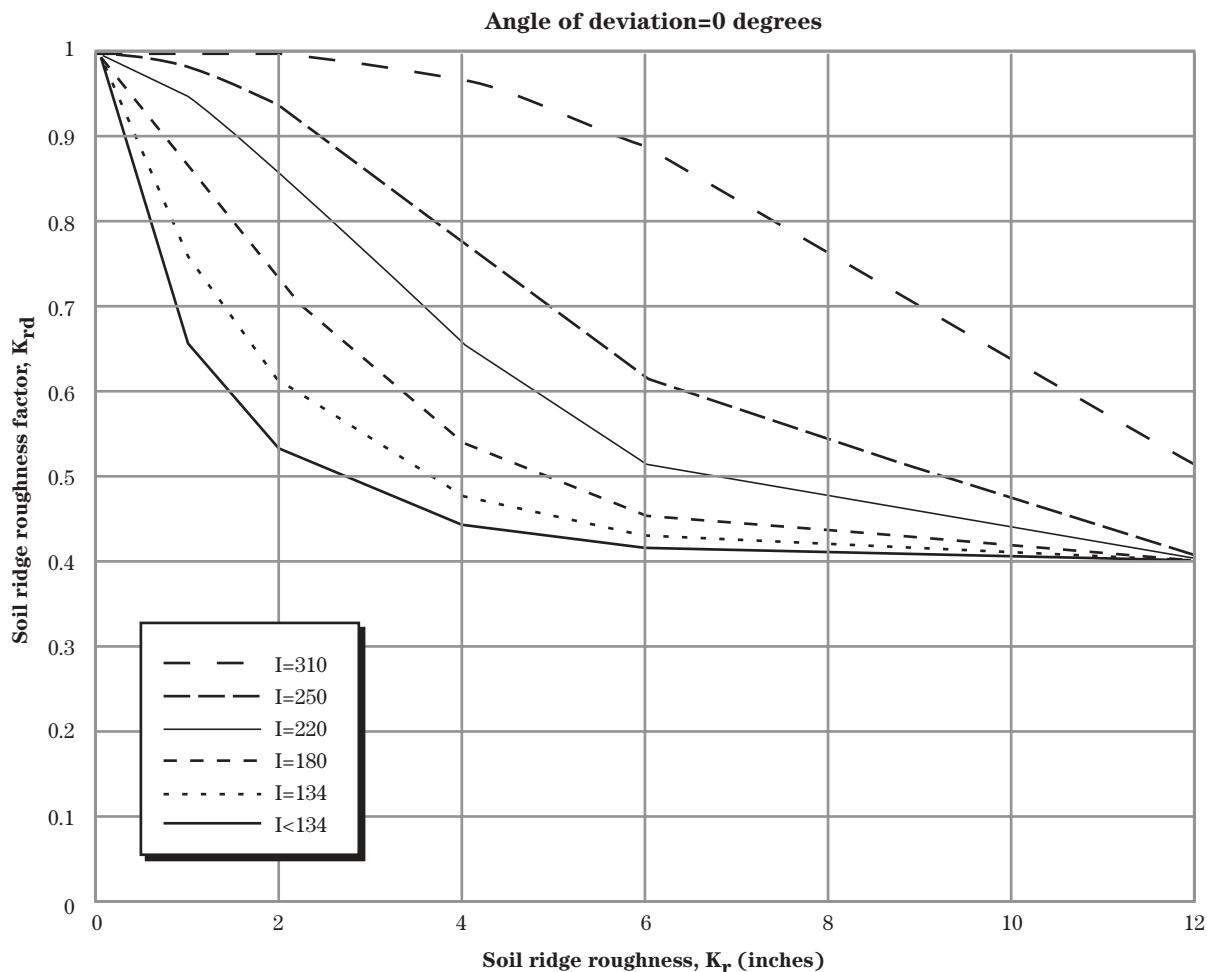


Exhibit 502-4

Ridge roughness factor, K_{rd} , graphs



Note: Erosive wind energy is assumed to be 60% parallel and 40% perpendicular to prevailing erosive wind.

$$K_r = \frac{4(h \times h)}{s}$$

where:

h = ridge height in inches

s = ridge spacing in inches